SEQUENCE LISTING

(1) GENERAL INFORMATION:

   (i) APPLICANT: MOZES, Edna
               WAISMAN, Ari

   (ii) TITLE OF INVENTION: SYNTHETIC PEPTIDES AND PHARMACEUTICAL
                      COMPOSITIONS COMPRISING THEM FOR THE TREATMENT
                      OF SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)

   (iii) NUMBER OF SEQUENCES: 10

   (iv) CORRESPONDENCE ADDRESS:
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        (C) CITY: Washington
        (D) STATE: D.C.
        (E) COUNTRY: United States of America
        (F) ZIP: 20001

   (v) COMPUTER READABLE FORM:
        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

   (vi) CURRENT APPLICATION DATA:
        (A) APPLICATION NUMBER: US 08/913,994
        (B) FILING DATE: 29-SEP-1997

   (vii) PRIOR APPLICATION DATA:
        (A) APPLICATION NUMBER: PCT/US96/04206
        (B) FILING DATE: 27-MAR-1996

   (vi) PRIOR APPLICATION DATA:
        (A) APPLICATION NUMBER: IL 113,159
        (B) FILING DATE: 28-MAR-1995

   (viii) ATTORNEY/AGENT INFORMATION:
        (A) NAME: BROWDY, Roger L.
        (B) REGISTRATION NUMBER: 25,618
        (C) REFERENCE/DOCKET NUMBER: MOZES=2

   (ix) TELECOMMUNICATION INFORMATION:
        (A) TELEPHONE: (202) 628-5197
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(2) INFORMATION FOR SEQ ID NO: 1:

   (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 20 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single

1

(D) TOPOLOGY: linear
    (ii) MOLECULE TYPE: peptide

    (ix) FEATURE:
              (D) OTHER INFORMATION:/note= Xaa in position 5 is Met, Ala or Val;
                  Xaa in position 6 is Gln, Asp, Glu, or Arg; Xaa in
                  position 7 is Trp or Ala; Xaa in position 8 is Val or Ser;
                  and Xaa in position 9 is Lys, Glu or Ala.

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

    Thr Gly Tyr Tyr Xaa Xaa Xaa Xaa Xaa Gln Ser Pro Glu Lys Ser Leu
    1   5   10   15

    Glu Trp Ile Gly
            20

(2) INFORMATION FOR SEQ ID NO: 2:

    (i) SEQUENCE CHARACTERISTICS:
              (A) LENGTH: 20 amino acids
              (B) TYPE: amino acid
              (C) STRANDEDNESS: single
              (D) TOPOLOGY: linear
    (ii) MOLECULE TYPE: peptide

    (ix) FEATURE:
              (D) OTHER INFORMATION:/note= Xaa in position 9 is Thr, Val or Ala;
                  Xaa in position 10 is Thr, Val or Ala; Xaa in position 11 is
                  Tyr or Phe; Xaa in position 12 is Asn or Asp; Xaa in position
                  13 is Gln or Glu; Xaa in position 14 is Lys or Glu; and Xaa
                  in position 15 is Phe or Tyr.

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

    Glu Ile Asn Pro Ser Thr Gly Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Lys
    1   5   10   15

    Ala Lys Ala Thr
            20

(2) INFORMATION FOR SEQ ID NO: 3:

    (i) SEQUENCE CHARACTERISTICS:
              (A) LENGTH: 20 amino acids
              (B) TYPE: amino acid
              (C) STRANDEDNESS: single
              (D) TOPOLOGY: linear
    (ii) MOLECULE TYPE: peptide

    (ix) FEATURE:

(D) OTHER INFORMATION:/note= Xaa in position 6 is Phe, Thr or Gly;
Xaa in position 7 is Leu, Ala or Ser; Xaa in position 8 is
Trp or Ala; Xaa in position 9 is Glu or Lys; Xaa in position
13 is Met or Ala; and Xaa in position 14 is Asp, Lys or Ser.

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Tyr Tyr Cys Ala Arg Xaa Xaa Xaa Xaa Pro Tyr Ala Xaa Xaa Tyr Trp
1   5   10   15

Gly Gln Gly Ser
            20

(2) INFORMATION FOR SEQ ID NO: 4:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 19 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

   (ix) FEATURE:
        (D) OTHER INFORMATION:/note= Xaa in position 4 is Met or Ala; Xaa
            in position 5 is Asn, Asp or Arg; Xaa in position 6 is Trp
            or Ala; Xaa in position 7 is Val or Ser; Xaa in position 8
            is Lys or Glu; Xaa in position 9 is Gln or Ala; Xaa in
            position 13 is Lys or Glu; and Xaa in position 14 is Ser or
            Ala.

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Gly Tyr Asn Xaa Xaa Xaa Xaa Xaa Xaa Ser His Gly Xaa Xaa Leu Glu
1   5   10   15

Trp Ile Gly

(2) INFORMATION FOR SEQ ID NO: 5:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 18 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

   (ix) FEATURE:
        (D) OTHER INFORMATION:/note= Xaa in position 6 is Ser or Phe; Xaa
            in position 7 is Gly or Ala; Xaa in position 8 is Arg, Ala
            or Glu; Xaa in position 11 is Asn or Asp; Xaa in position 12
            is Tyr or Phe; and Xaa in position 13 is Trp, His or Ala.

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

```
Tyr Tyr Cys Ala Arg Xaa Xaa Xaa Tyr Gly Xaa Xaa Xaa Gly Gln Gly
1               5                   10                  15

Thr Leu
```

(2) INFORMATION FOR SEQ ID NO: 6:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 20 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

```
Thr Gly Tyr Tyr Met Gln Trp Val Lys Gln Ser Pro Glu Lys Ser Leu
1               5                   10                  15

Glu Trp Ile Gly
            20
```

(2) INFORMATION FOR SEQ ID NO: 7:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 20 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

```
Glu Ile Asn Pro Ser Thr Gly Gly Thr Thr Tyr Asn Gln Lys Phe Lys
1               5                   10                  15

Ala Lys Ala Thr
            20
```

(2) INFORMATION FOR SEQ ID NO: 8:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 20 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

```
Tyr Tyr Cys Ala Arg Phe Leu Trp Glu Pro Tyr Ala Met Asp Tyr Trp
1               5                   10                  15

Gly Gln Gly Ser
            20
```

(2) INFORMATION FOR SEQ ID NO: 9:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 19 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

```
Gly Tyr Asn Met Asn Trp Val Lys Gln Ser His Gly Lys Ser Leu Glu
1               5                   10                  15

Trp Ile Gly
```

(2) INFORMATION FOR SEQ ID NO: 10:
    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 18 amino acids
        (B) TYPE: amino acid
        (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear
   (ii) MOLECULE TYPE: peptide

   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

```
Tyr Tyr Cys Ala Arg Ser Gly Arg Tyr Gly Asn Tyr Trp Gly Gln Gly
1               5                   10                  15

Thr Leu
```